



PATENT ABSTRACTS OF JAPAN

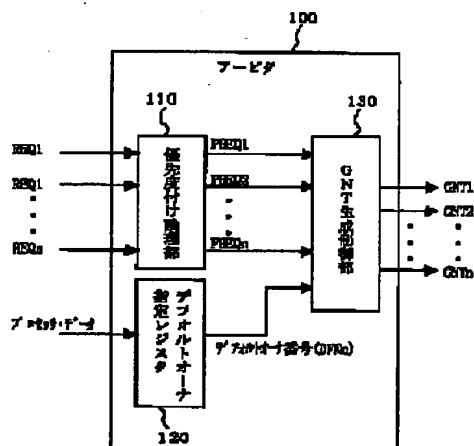
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G06F 13/362(21) Application number: **09182257**(71) Applicant: **OKI ELECTRIC IND CO LTD**(22) Date of filing: **08.07.97**(72) Inventor: **TOMIZAWA KATAYUKI****(54) BUS ARBITER DEVICE****(57) Abstract:**

PROBLEM TO BE SOLVED: To improve the performance of a computer by predicting an agent which is the most likely to use a common bus software, and dynamically changing the designation of a default owner.

SOLUTION: An arbiter 100 in which a default owner can be varied by register setting is constituted of a priority applying logical part 110, default owner designation register 120, and GNT generation controlling part 130. Data can be written in the default owner designation register 120 from a processor. Thus, the arbiter is provided with the register 120 for designating the default owner, and the default owner is decided based on the register value so that the default owner can be changed by software. Therefore, an agent which is the most likely use a bus is predicted by the software, and the default owner is dynamically changed so that the parking of plural agents can be attained.



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